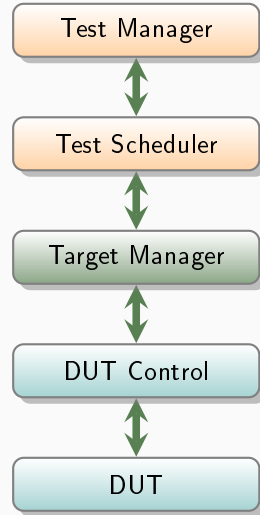
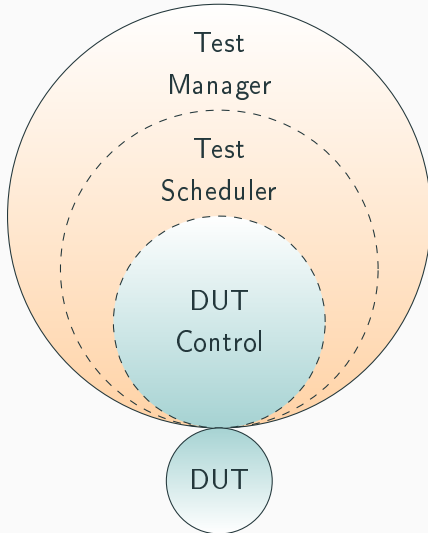


SLAV Status Update

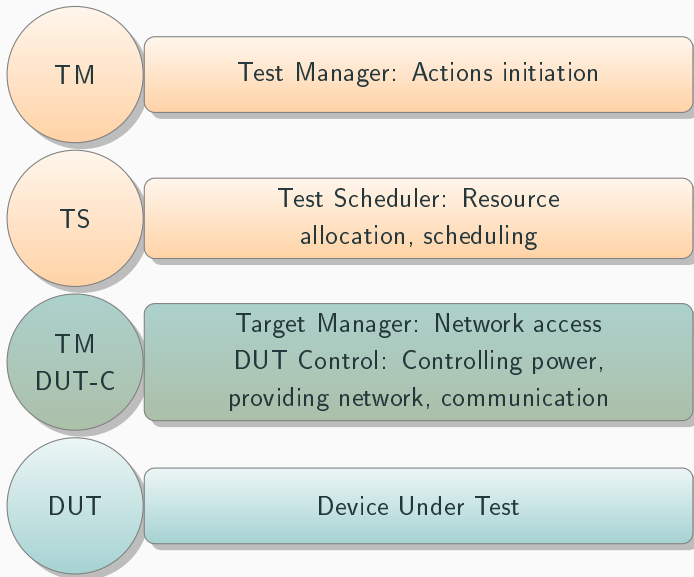
Paweł Wieczorek

October 31, 2019

Samsung R&D Institute Poland



Architecture overview



Features

- Test Manager
 - receiving simple task scenarios, listing tasks status
 - requesting and acquiring access to DUT (via Target Manager), *flashing SD card*, executing Target Manager API commands
- Test Scheduler
 - allowing to: request, acquire, close or prolong access to DUT (via Target Manager)
 - listing DUTs, their status and capabilities
 - setting their states (e.g. “idle”, “under maintenance”, “failed”)
- Target Manager
 - reporting target state, providing access to DUT (over SSH)
- DUT Control (HW)
 - providing actual connection to DUT (network, serial), controlling power, multiplexing SD card
 - reporting target state (LEDs, display)

Current *development*

- Using Go Modules for dependency management
- Providing MuxPi-less evaluation environment
(software Target Manager, DUT Control and DUT)
- Documenting design decisions
- Minimizing confusion (describing repositories – mapping to https://elinux.org/Test_Glossary)

Everything else is currently on hold